

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	99	((("5742325") or ("6020979") or ("4786975") or ("5014124") or ("5387985") or ("6011878") or ("4768082") or ("5521990") or ("5781709") or ("5809167") or ("5864638") or ("5867277") or ("6137907") or ("4245258") or ("4559563") or ("4797943") or ("4803558") or ("4860115") or ("4893188") or ("4912569") or ("4914524") or ("4918543") or ("5181127") or ("5204753") or ("5216753") or ("5274472") or ("5278670") or ("5289294") or ("5293430") or ("5313570") or ("5327262") or ("5339172") or ("5341226") or ("5359423") or ("5463703") or ("5521722") or ("5537226") or ("5553162") or ("5579445") or ("5606432") or ("5606648") or ("5634089") or ("5647026") or ("5668643") or ("5668931") or ("5694224") or ("5696845") or ("5724455") or ("5729634") or ("5734801").pn.))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 17:43
L2	55	l1 and halftone and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L3	55	l2 and @ad<"20030306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L4	34	3 and (edges\$1 or contour\$1 or bouders\$1 or board\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L5	33	4 and document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L6	8	5 and label\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26

L7	24	((("6437878") or ("6389167") or ("6385344") or ("6347153") or ("6229923") or ("6198850") or ("5949964") or ("5617216") or ("5392365") or ("5327262") or ("5131059") or ("5014124") or ("4893188").pn))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/11 18:25
L8	9	7 and halftone and resolution	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L9	9	8 and @ad<"20030306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L10	7	9 and (edges\$1 or contour\$1 or bouders\$1 or board\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:25
L11	5	10 and document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26
L12	0	11 and label\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/11 18:26

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Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10729663 on August 11, 2005

Original Classifications

4 358/1.9  
3 358/462  
3 382/270  
2 358/2.1  
2 358/296  
2 358/3.24  
2 358/443  
2 358/465  
2 382/254

Cross-Reference Classifications

6 358/1.9  
5 358/464  
5 358/534  
4 358/462  
3 358/296  
3 358/3.07  
3 358/3.14  
3 358/466  
3 358/518  
3 382/176  
2 358/1.2  
2 358/3.27  
2 358/300  
2 358/447  
2 358/463  
2 358/465  
2 358/504  
2 358/530  
2 358/533  
2 382/164  
2 382/239  
2 382/266  
2 382/270  
2 382/275  
2 382/299

Combined Classifications

10 358/1.9  
7 358/462  
5 358/296  
5 358/464  
5 358/534  
5 382/270  
4 358/465  
4 358/518  
3 358/1.2  
3 358/3.07  
3 358/3.14  
3 358/3.24  
3 358/443  
3 358/447  
3 358/466  
3 358/530  
3 382/176  
3 382/299  
2 358/2.1  
2 358/3.01

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2 358/3.27  
2 358/300  
2 358/451  
2 358/453  
2 358/461  
2 358/463  
2 358/500  
2 358/504  
2 358/527  
2 358/533  
2 382/164  
2 382/173  
2 382/239  
2 382/254  
2 382/266  
2 382/275  
2 382/298

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Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10729663 on August 11, 2005

10	358/1.9	(4 OR, 6 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/1.1	STATIC PRESENTATION PROCESSING (E.G.,
		PROCESSING DATA FOR PRINTER, ETC.)
	358/1.9	.Attribute control
7	358/462	(3 OR, 4 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/400	FACSIMILE
	358/443	.Specific signal processing circuitry
	358/448	..Image processing
	358/462	...Text and image detection and processing
5	358/296	(2 OR, 3 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/400	FACSIMILE
	358/296	.Recording apparatus
5	358/464	(0 OR, 5 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/400	FACSIMILE
	358/443	.Specific signal processing circuitry
	358/448	..Image processing
	358/464	...To distinguish intelligence from background
5	358/534	(0 OR, 5 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/500	NATURAL COLOR FACSIMILE
	358/530	.Specific image-processing circuitry
	358/534	..Halftone processing
5	382/270	(3 OR, 2 XR)
	Class	382 : IMAGE ANALYSIS
	382/254	IMAGE ENHANCEMENT OR RESTORATION
	382/270	.Variable threshold, gain, or slice level
4	358/465	(2 OR, 2 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/400	FACSIMILE
	358/443	.Specific signal processing circuitry
	358/448	..Image processing
	358/465	...Picture signal thresholding
4	358/518	(1 OR, 3 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
	358/500	NATURAL COLOR FACSIMILE
	358/518	.Color correction
3	358/1.2	(1 OR, 2 XR)
	Class	358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/1.1        STATIC PRESENTATION PROCESSING (E.G.,  
                 PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.2        .Size, resolution, or scale control
- 3 358/3.07     (0 OR, 3 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/1.1        STATIC PRESENTATION PROCESSING (E.G.,  
                 PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.9        .Attribute control
- 358/3.01        ..Multi-level image reproduction (e.g., gray  
                 level reproduction)
- 358/3.06        ...Halftoning (e.g., a pattern of print  
                 elements used to represent a gray level)
- 358/3.07        ....Rescreening (e.g., converting spatial  
                 resolution)
- 3 358/3.14     (0 OR, 3 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/1.1        STATIC PRESENTATION PROCESSING (E.G.,  
                 PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.9        .Attribute control
- 358/3.01        ..Multi-level image reproduction (e.g., gray  
                 level reproduction)
- 358/3.06        ...Halftoning (e.g., a pattern of print  
                 elements used to represent a gray level)
- 358/3.13        ....Dithering (e.g., spatial distribution of  
                 print elements by threshold matrix)
- 358/3.14        .....Adaptive dithering
- 3 358/3.24     (2 OR, 1 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/1.1        STATIC PRESENTATION PROCESSING (E.G.,  
                 PROCESSING DATA FOR PRINTER, ETC.)
- 358/1.9        .Attribute control
- 358/3.24        ..Adaptive image reproduction
- 3 358/443      (2 OR, 1 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400        FACSIMILE
- 358/443        .Specific signal processing circuitry
- 3 358/447      (1 OR, 2 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400        FACSIMILE
- 358/443        .Specific signal processing circuitry
- 358/447        ..Signal enhancing
- 3 358/466      (0 OR, 3 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400        FACSIMILE
- 358/443        .Specific signal processing circuitry
- 358/448        ..Image processing
- 358/465        ...Picture signal thresholding
- 358/466        ....Variable thresholding technique

- 3 358/530      (1 OR, 2 XR)  
Class 358 :     FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/500 NATURAL COLOR FACSIMILE
- 358/530 .Specific image-processing circuitry
- 3 382/176 (0 OR, 3 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/173 IMAGE SEGMENTATION
  - 382/176 .Distinguishing text from other regions
- 3 382/299 (1 OR, 2 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
  - 382/293 .Changing the image coordinates
  - 382/298 ..To change the scale or size of an image
  - 382/299 ...Raising or lowering the image resolution (e.g., subpixel accuracy)
- 2 358/2.1 (2 OR, 0 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
  - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
  - 358/1.9 .Attribute control
  - 358/2.1 ..Processing based on at least two different image attributes (e.g., character, graphic, photo, line, edge, gray-level, color)
- 2 358/3.01 (1 OR, 1 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
  - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
  - 358/1.9 .Attribute control
  - 358/3.01 ..Multi-level image reproduction (e.g., gray level reproduction)
- 2 358/3.27 (0 OR, 2 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
  - 358/1.1 STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR PRINTER, ETC.)
  - 358/1.9 .Attribute control
  - 358/3.27 ..Enhancement control in image reproduction (e.g., smoothing or sharpening edges)
- 2 358/300 (0 OR, 2 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
  - 358/400 FACSIMILE
  - 358/296 .Recording apparatus
  - 358/300 ..Electrostatic or electrolytic
- 2 358/451 (1 OR, 1 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
  - 358/400 FACSIMILE
  - 358/443 .Specific signal processing circuitry
  - 358/448 ..Image processing
  - 358/451 ...Picture size conversion
- 2 358/453 (1 OR, 1 XR)
  - Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING

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- 358/400 FACSIMILE  
 358/443 .Specific signal processing circuitry  
 358/448 ..Image processing  
 358/453 ...Image portion selection
- 2 358/461 (1 OR, 1 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE  
 358/443 .Specific signal processing circuitry  
 358/448 ..Image processing  
 358/461 ...Shade correction
- 2 358/463 (0 OR, 2 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/400 FACSIMILE  
 358/443 .Specific signal processing circuitry  
 358/448 ..Image processing  
 358/463 ...Noise elimination
- 2 358/500 (1 OR, 1 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE
- 2 358/504 (0 OR, 2 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE  
 358/504 .Measuring, testing, and calibrating
- 2 358/527 (1 OR, 1 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE  
 358/527 .Color photography previewer
- 2 358/533 (0 OR, 2 XR)  
 Class 358 : FACSIMILE AND STATIC PRESENTATION PROCESSING
- 358/500 NATURAL COLOR FACSIMILE  
 358/530 .Specific image-processing circuitry  
 358/533 ..Moire reduction
- 2 382/164 (0 OR, 2 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/162 COLOR IMAGE PROCESSING  
 382/164 .Image segmentation using color
- 2 382/173 (1 OR, 1 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/173 IMAGE SEGMENTATION
- 2 382/239 (0 OR, 2 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING  
 382/239 .Adaptive coding (i.e., changes based upon  
 history, activity, busyness, etc.)
- 2 382/254 (2 OR, 0 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/254 IMAGE ENHANCEMENT OR RESTORATION



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- 2 382/266 (0 OR, 2 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/254 IMAGE ENHANCEMENT OR RESTORATION
  - 382/266 .Edge or contour enhancement
- 2 382/275 (0 OR, 2 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/254 IMAGE ENHANCEMENT OR RESTORATION
  - 382/275 .Artifact removal or suppression (e.g.,  
distortion correction)
- 2 382/298 (1 OR, 1 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/276 IMAGE TRANSFORMATION OR PREPROCESSING
  - 382/293 .Changing the image coordinates
  - 382/298 ..To change the scale or size of an image